	Application No.	Applicant(s)	
Notice of Allowability	10/708,425	TSAI ET AL.	
	Examiner	Art Unit	
	DAVID VU	2818	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject t	oplication. If not include n will be mailed in due o	d course. THIS
1. This communication is responsive to <u>03/02/04</u> .			
2. The allowed claim(s) is/are <u>1-10</u> .			
 3.			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal F 6. Interview Summary Paper No./Mail Da 7. Examiner's Amend 8. Examiner's Statem 9. Other	(PTO-413), tte ment/Comment	wance

U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05)

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DETAILED ACTION

Allowable Subject Matter

The prior art made of record and not relied upon is considered pertinent to applicant's 1.

disclosure.

US Pat. 6,593,220 – discloses a method that uses elastomer as the masking material for

the processing step of electroplating during the processing sequence of creating a solder bump on

a semiconductor surface.

2. Claims 1-10 are allowed.

3. The following is an examiner's statement of reason for allowance: the prior art of record,

either singularly or in combination, does not disclose or suggest a method for treating a surface

of a wafer by forming a photo-sensitive material layer over the surface of the wafer, covering the

bumps and the UBM layer; patterning the photo-sensitive material layer by using the bumps as

masks to expose the surface of the wafer between the bumps as instantly claimed and in

combination with the additionally claimed method steps.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance".

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Vu whose telephone number is 571-272-1798. The examiner can normally be reached on Monday-Friday 8:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone numbers for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR, Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DAVID VU PRIMARY EXAMINER

Spulard